

SPECIES AND SUBSPECIES NEW TO SCIENCE DESCRIBED BY PROF. J.A.QUARTAU

Main Research Interests

His main research interests have been studies on patterns of variation and adaptation in selected species of insects (Hemiptera, Cicadomorpha) with a view to a better understanding of their adaptive roles and strategies, as well as of the divergence process in closely related forms, the basis of speciation. He has used a multifactor approach involving mostly systematics, ecology, acoustic behaviour and genetics. On the purely taxonomical level he has found and described the following 129 species and subspecies new to Science.

Insecta Hemiptera (Homoptera, Cicadomorpha):

Acacioiassus truncaticeps Linnavuori & Quartau, 1975
Afroiassus iphis Linnavuori & Quartau, 1975
Afroiassus cristatus Linnavuori & Quartau, 1975
Afroiassus anteros Linnavuori & Quartau, 1975
Afroiassus antenor Linnavuori & Quartau, 1975
Afroiassus lentulus Linnavuori & Quartau, 1975
Agallia linnavuori Quartau, 1971
Aphrodes hamiltoni Quartau & Borges, 2003
Asianidia melliferae Quartau & Remane, 1996
Brachypterona vieirai Quartau, 1981
Batracomorphus (Batracomorphus) thamyris Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) beninensis Quartau, 1981
Batracomorphus (Batracomorphus) ceresensis Quartau, 1981
Batracomorphus (Batracomorphus) clarensis Quartau, 1981
Batracomorphus (Batracomorphus) classeyi Quartau, 1981
Batracomorphus (Batracomorphus) dalatandoensis Quartau, 1981
Batracomorphus (Batracomorphus) distinctissimus Quartau, 1981
Batracomorphus (Batracomorphus) duquensis Quartau, 1981
Batracomorphus (Batracomorphus) gobiswaterensis Quartau, 1981
Batracomorphus (Batracomorphus) hollisi Quartau, 1981
Batracomorphus (Batracomorphus) lewisi Quartau, 1981
Batracomorphus (Batracomorphus) liberiensis carvalhoi Quartau, 1981
Batracomorphus (Batracomorphus) lucalensis Quartau, 1981
Batracomorphus (Batracomorphus) mosselensis Quartau, 1981
Batracomorphus (Batracomorphus) natalensis Quartau, 1981
Batracomorphus (Batracomorphus) quirimboensis Quartau, 1981
Batracomorphus (Batracomorphus) samaruensis Quartau, 1981
Batracomorphus (Batracomorphus) sapobensis Quartau, 1981
Batracomorphus (Batracomorphus) welwitschi Quartau, 1981

Batracomorphus (Batracomorphus) bifasciatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) moira Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) danae Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) brunneicollis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) scitus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) angularis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) angolensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) ikmalios Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) theognis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) krameri Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) contaminatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) theagenes Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) leontion Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) dentifer Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) apicimacula Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) lamto Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) theokritos Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) mandane Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) boukokoensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) kisala Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) abundans Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) plydoros Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) chianguensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) cynthia Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) conspersus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) bilobatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) calchas Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) incognitus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) humilis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) bouldardi Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) phaidra Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) centralensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) teispes Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) minos Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) mongbwalu Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) mongbwalu distinguendus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) viator minorquis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) atossa Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) liberiensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) aigeios Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) pasiphae Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) kapouensis Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) kabwekanonus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) arsames Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) ariadne Linnavuori & Quartau, 1975

Batracomorphus (Batracomorphus) ariaramnes Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) mimus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) daidalos Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) astyages Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) hystaspes Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) harpaganus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) akhmenes Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) akhmenes hargeisanus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) perplexus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) foroforo Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) inara Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) telepinus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) longispinus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) pamba Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) acuminatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) sudanicus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) santosjuniori Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) thersites Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) dirke Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) dirke phaon Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) dirkoides Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) arcuatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) chlorophanoides Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) filigranus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) sinuatus Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) guierae Linnavuori & Quartau, 1975
Batracomorphus (Batracomorphus) creusa Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) cecrops Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) narkissos Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) nimule Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) pollux Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) cassandra Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) callimachus Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) magniceps Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) lusingaensis Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) kivuensis Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) lituratus Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) castor Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) triangularis Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) cato Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) minerva Linnavuori & Quartau, 1975
Batracomorphus (Sudanoiassus) wardi Quartau, 1981
Cicada cretensis Quartau & Simões, 2005
Cicadatra icari Simões, Sanborn & Quartau, 2012
Cicadatra karpathosensis Simões, Sanborn & Quartau, 2012

Goldeus dlabolai Quartau, 1972
Iassomorphus drakensteini monticolus Linnavuori & Quartau, 1975
Iassomorphus drakensteini theroni Quartau, 1985
Iassomorphus ghauri Quartau, 1981
Jassargus remanei Quartau, 1986
Lusitanocephalus sacarraoi Quartau, 1970
Krisna antaea Linnavuori & Quartau, 1975
Tettigetia mariae Quartau & Boulard, 1996
Tettigetia septempulsata Boulard & Quartau, 1991

Insecta Lepidoptera:

Ommatissopyrops lusitanicus Sousa & Quartau, 1998

Literature where the new taxa were described

QUARTAU, J.A. 1968. Two new species of genus *Batracomorphus* Lewis from the Cape Verde Islands (Homoptera, Cicadellidae). *Arquivos do Museu Bocage* (2ª sér.), **2** (1): 1-8 (1)

QUARTAU, J.A. 1970. A new leafhopper genus and species from Portugal, *Lusitanocephalus sacarraoi* gen. and sp. n. (Homoptera: Cicadellidae, Deltocephalini). *Ciências Biológicas*, Luanda, **1** (1): 17-23. (4)

QUARTAU, J.A. 1971. *Agallia linnavuori* n. sp., a new leafhopper from Portugal (Homoptera: Cicadellidae, Agalliinae). *Ciências Biológicas*, Luanda, **1** (2): 73-79. (5)

QUARTAU, J.A. 1972. *Goldeus dlabolai* n. sp., a new leafhopper from Portugal (Homoptera: Cicadellidae, Deltocephalini). *Arquivos do Museu Bocage* (2ª sér.), **3** (16): 435-446. (9)

QUARTAU, J.A. 1975. Revision of the Ethiopian Cicadellidae (Hemiptera-Homoptera): Iassinae and Acroponinae (Linnavuori & Quartau). *Études du Continent Africain*, Bruxelles, **3**: 1-170. (13).

QUARTAU, J.A. 1981. New and redescribed species of African *Batracomorphus* Lewis (Homoptera: Cicadellidae), with a key to all known Ethiopian species. *Memoirs of the Entomological Society of Southern Africa*, **14**: 1-134.(23)

QUARTAU, J.A. 1981. A new species of *Iassomorphus* Theron from Africa (Homoptera, Cicadellidae, Iassinae). *Boletim da Sociedade Portuguesa de Ciências Naturais*, **20**: 63-66.(26)

QUARTAU, J.A. 1981. On a new species of the genus *Brachypterona* Lindberg (Homoptera: Cicadellidae) from the Salvage Islands. *Arquivos do Museu Bocage* (sér. B), **I** (10): 125-132. (27)

QUARTAU, J.A. 1985. A new subspecies of *Iassomorphus drakensteini* (Naudé, 1926) from Angola (Homoptera, Cicadellidae, Iassinae). *Journal of the Entomological Society of Southern Africa*, **48** (1): 103-106. (50)

QUARTAU, J.A. 1986. A new species of *Jassargus* Zachvatkin, 1953 (Homoptera, Auchenorrhyncha: Cicadellidae) from Portugal. *Arquivos do Museu Bocage*, sér. B, **II** (19): 159-163. (58)

BOULARD, M. & QUARTAU, J.A. 1991. *Tettigetta septempulsata*, nouvelle cigale lusitanienne (Homoptera: Cicadoidea, Tibicinidae). *EPHE, Travaux du Laboratoire de Biologie et Evolution des Insectes*, **4**:49-56. (85)

QUARTAU, J.A. & BOULARD. 1995. *Tettigetta mariaae* n. sp., nouvelle Cigale lusitanienne (Homoptera, Cicadoidea, Tibicinidae. *EPHE, Biologie et Évolution des Insectes*, 7/8: 105-110. (102)

QUARTAU, J.A. & R. REMANE.1996. *Asianidia melliferae* sp. n. (Homoptera: Auchenorrhyncha, Cicadellidae), a new leafhopper from Madeira. *Bocagiana*, 181: 1-3. (107)

BIVAR DE SOUSA, A. & J.A. QUARTAU .1998. *Ommatissopyrops lusitanicus* gen. e sp. nov. um novo lepidóptero epipiropídeo de Portugal (Lepidoptera, Epipyropidae). *Boletim da Sociedade Portuguesa de Entomologia*, vol. VII-1 (183): 1-7. (112)

QUARTAU, J.A. & BORGES, P. 2004 (2003). A new species of the genus *Aphrodes* Curtis from the Azores (Hemiptera, Cicadellidae). *Bocagiana*, 213: 1-11. (164)

QUARTAU, J.A. & SIMÕES, P.C. 2005. *Cicada cretensis* n.sp. (Hemiptera, Cicadidae) from southern Greece. *Biologia, Bratislava*, **60**/5: 489-494. (172)

SIMÕES, P.C., SANBORN, A. & QUARTAU, J.A. (2012). Two new species of *Cicadatra* (Hemiptera: Cicadoidea) from Greece. *Entomological Science*, 2012: 1-8. doi:10.1111/j.1479-8298.2012.00540.x (214)